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**Europäisches
Patentamt**

Zweigstelle
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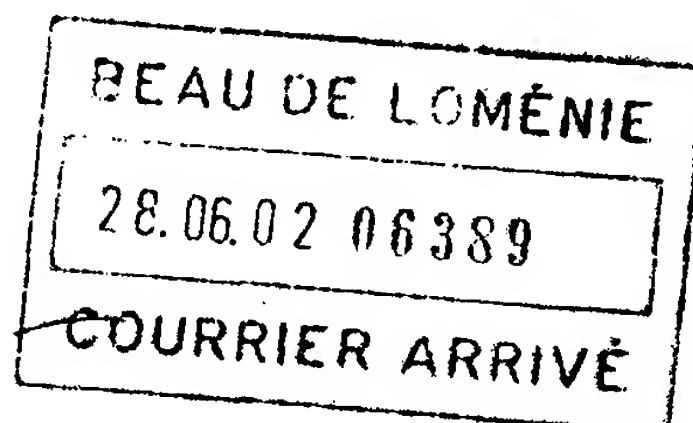
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Zeichen/Ref./Réf. J136120-441 YS0	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 02290599.6-2215-
Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire Murata Manufacturing Co., Ltd.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 840 369 A (TOKYO SHIBAURA ELECTRIC CO) 6 May 1998 (1998-05-06)	1-4,6-11	H03H9/02
Y	* figure 21 * * table 3 * * page 17, line 45 * * page 83, line 6 * * page 86, line 11,12,14,17,18,20 *	5	
Y	EP 0 991 185 A (NIPPON ELECTRIC CO) 5 April 2000 (2000-04-05) * figure 1 *	5	
A	US 6 150 748 A (FUKIHARU EIICHI) 21 November 2000 (2000-11-21) * figure 4 *	1-11	
A	EP 0 682 408 A (MURATA MANUFACTURING CO) 15 November 1995 (1995-11-15) * figures 2,4 *	1-11	
A	EP 1 041 715 A (MURATA MANUFACTURING CO) 4 October 2000 (2000-10-04) * abstract; figures 1,2 *	1-11	TECHNICAL FIELDS SEARCHED (Int.Cl.7) H03H
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 10 June 2002	Examiner Plathner, B-D
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 29 0599

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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A	US-A-4 993 000 (NIITSUMA TERUO ET AL) 12 February 1991 * column 2, line 41 - column 3, line 10; figure 1 *	1-3,6	H03H9/05
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		11 August 1995	D/L PINTA BALLE..., L
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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